



- CONSTRUCTION DETAILS**
- A. REMOVE EXISTING GROUND MOUNTED SIGN
 - B. FURNISH AND INSTALL 10 FT PEDESTAL POLE WITH AUDIBLE/TACTILE PUSHBUTTON AND SIGN AND COUNTDOWN PEDESTRIAN SIGNAL (1-3" SCHEDULE 80, 90 DEGREE CONDUIT BEND).
 - C. INSTALL ELECTRICAL HANDHOLE.
 - D. USE EXISTING HANDHOLE.
 - E. USE EXISTING CONDUIT.
 - F. FURNISH AND INSTALL 27 FT MAST ARM POLE WITH 70 FT MAST ARM (CUT TO 62 FT). INSTALL PROPOSED SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA AND CABLE, 20FT LIGHTING ARM AND LUMINAIRE (1-3" SCHEDULE 80 CONDUIT BEND).
 - G. FURNISH AND INSTALL 27FT MAST ARM POLE WITH TWIN 50FT/70FT MAST ARMS. INSTALL SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND CABLES, 20FT LIGHTING ARM AND LUMINAIRE (1-3" SCHEDULE 80 CONDUIT BEND).
 - H. REMOVE EXISTING SIGNAL POLE AND ALL EXISTING EQUIPMENT.
 - I. FURNISH AND INSTALL 3 INCH PVC (SCHEDULE 80), TRENCHED.
 - J. FURNISH AND INSTALL 4 INCH PVC (SCHEDULE 80), TRENCHED.
 - K. FURNISH AND INSTALL 2 INCH PVC (SCHEDULE 80), TRENCHED.
 - L. FURNISH AND INSTALL 4 INCH PVC (SCHEDULE 80), BORED.
 - M. FURNISH AND INSTALL METERED SERVICE PEDESTAL.
 - N. FURNISH AND INSTALL NON-INVASIVE MICROLOOP PROBES.
 - O. REMOVE EXISTING LEASE LIGHTING POLE. COORDINATE WITH BGE (POLE # 368882) TO REMOVE LUMINAIRE AND UTILITY POLE.
 - P. ABANDON EXISTING LOOP DETECTOR.
 - Q. CAP AND ABANDON EXISTING CONDUIT.
 - R. REMOVE HANDHOLE.
 - S. FURNISH AND INSTALL 3 INCH PVC (SCHEDULE 80), BORED.
 - T. INSTALL SIZE '6' BASE MOUNTED CABINET AND CONTROLLER AND ALL NECESSARY EQUIPMENT ~~USE EXISTING CONCRETE PAD AND CONDUIT BENDS~~.
 - U. EXISTING PHONE DROP (CONCRETE PAD TO BE JOINED WITH SIDEWALK).
 - V. INSTALL GROUND MOUNTED SIGN
 - W. INSTALL PROPOSED PARALLEL HANDICAP RAMP (STD. MD.655.12) WITH DETECTABLE WARNING SURFACES (STD. NO. MD 655.40)
 - X. INSTALL NEW TYPE 'A' CURB, 5" CONCRETE SIDEWALK, CUT-THROUGH OPENINGS (STD. NO. MD 655.21) WITH DETECTABLE WARNING SURFACES (CROSSWALK)
 - Y. INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS (CROSSWALK)
 - Z. INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS (STOPLINE)

- CONSTRUCTION DETAILS CON'T**
- AA. REMOVE PAVEMENT MARKINGS
 - BB. INSTALL NEW TYPE 'A' CURB
 - CC. INSTALL DETECTABLE WARNING SURFACES (STD. NO. MD655.40)
 - DD. INSTALL 5 FT BREAKAWAY PEDESTAL ON MODIFIED BASE WITH AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON AND SIGN. (NOTE: INSTALL 1-2" SCHEDULE 80, 90 DEGREE CONDUIT BEND. SEE STD. MD 801.01-01 FOR FOUNDATION DETAIL)
 - EE. REALIGN CROSSWALK ACROSS MD 700 TO BE STRAIGHT. INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT THERMOPLASTIC PAVEMENT MARKINGS INCLUDING CROSS HATCHING (NOT SHOWN). ENSURE 6 FT MINIMUM CLEARANCE BETWEEN PROPOSED CONCRETE NOSE AND CROSSWALK LINE.
 - FF. INSTALL TYPE 'A' CURB AND GUTTER
 - GG. INSTALL 12:1 RAMP WITH NEW 4" SIDEWALK AT GRADE WITH THE CURB
 - HH. INSTALL PROPOSED PARALLEL HANDICAP RAMP (STD. MD.655.12) WITH DETECTABLE WARNING SURFACES (STD. NO.655.40) TRANSITION PROPOSED SIDEWALK 10 FEET TO TIE INTO EXISTING.

GEOMETRIC LEGEND

---	EXISTING
---	PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A-A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

UTILITY HEIGHTS

SECONDARY POWER = 32'
SECONDARY POWER = 27'

RED LINE * 1 - FEB 23, 2010

BY: \$USERNAMES

PB
100 YEARS
PARSONS BRINCKERHOFF
100 South Charles Street
Tower 4, 10th Floor
Baltimore, MD 21201-2727
Phone: 410-727-5050
Fax: 410-727-4658

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
D	RECONSTRUCT SIGNAL TMS# J639 CONTRACT # BA195168 6/1/09
C	SPLIT PHASE ADDED FOR SIDE STREETS 02-24-76
KD	
TH	

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 700 (MARTIN BLVD) @ MIDDLE RIVER RD
MIDDLE RIVER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE	1"=20'	DATE	9-21-1974	CONTRACT NO.	
DESIGNED BY	J. GORDON	COUNTY	BALTIMORE COUNTY		
DRAWN BY	J. GORDON	LOGMILE	03070000.48		
CHECKED BY	A. BUDNICHUCK	TMS NO.	J639		
FAP NO.		TOD NO.			
TS NO. 502D	DRAWING SP-27	OF 37	SHEET NO. 1	OF 2	